

Reporting Title: UPG Decarboxylase, WB
Performing Location: Rochester

Ordering Guidance:
Porphyria cutanea tarda (PCT) type I (sporadic), the most common form of PCT, exhibits normal erythrocyte enzyme activity. The preferred test for diagnosis of type I is PQNU / Porphyrins, Quantitative, 24 Hour, Urine or PQNRU / Porphyrins, Quantitative, Random, Urine.

Necessary Information:
Include a list of medications the patient is currently taking.

Specimen Requirements:
Patient Preparation: Patient should abstain from alcohol for 24 hours prior to specimen collection. Abstinence from alcohol is essential for at least 24 hours as alcohol suppresses enzyme activity for 24 hours after ingestion.
Container/Tube:
Preferred: Green top (sodium heparin)
Acceptable: Lavender top (EDTA) or green top (lithium heparin)
Specimen Volume: 4 mL

Forms:
1. **New York Clients-Informed consent is required.** Document on the request form or electronic order that a copy is on file. The following documents are available:
[-Informed Consent for Genetic Testing](#) (T576)
[-Informed Consent for Genetic Testing-Spanish](#) (T826)
2. If not ordering electronically, complete, print, and send a [Biochemical Genetics Test Request](#) (T798) with the specimen.

Specimen Type	Temperature	Time	Special Container
Whole blood	Refrigerated (preferred)	14 days	
	Ambient	7 days	

Result Codes:

Result ID	Reporting Name	Type	Unit	LOINC®
8599	UPG Decarboxylase, WB	Alphanumeric	RU	49596-0
606379	Interpretation (UPGD)	Alphanumeric		59462-2
606380	Reviewed By	Alphanumeric		18771-6

LOINC® and CPT codes are provided by the performing laboratory.

Supplemental Report:
No

CPT Code Information:

82657

Reference Values:

- > or =1.00 RU (normal)
- 0.80-0.99 RU (indeterminate)
- <0.80 RU (indicative of PCT type II)
- RU = Relative Units